

(REPLACEMENT SHEET)

Attorney Docket No.: 1033-IT1003
Inventor(s): Baofeng Frank Jiang, et al.
Attorney: Jeffrey G. Toler
(512) 327-5515

2/9

200

Real-time ShowRF

File Edit View Tools Help

Address <http://broadband.sbc.com/LPA/showRF?phone=925-828-5182>

(HOME) Real-time Loop Performance Analyzer (DOC)
(It takes about 20 seconds to collect data from the DSLAM. Please be patient)

202

Phone: 925-828-5182

(format: 925-484-3260 or 9254843260)

Customer: **925-828-5182** DSLAM time: **2003-06-20 09:21:10**
PORT: ADSL-3-1-11-1 DSLAM: SNRMCA11H02

204

Line Attributes (Doc)

ADSLPROF	ADSLPROFNM	Code	NT VPI	NT VCI	Line VPI	Line VCI	Status	STATUSNE	STATUSFE
25	384_128_fixed_basic	FAST	214	42	8	35	IS-NR	NORMAL	NORMAL

Speed (kbps)	MAXATTAINBR	MINBR	MAXBR	CURBR	PWR(dBm)	MAXAPLVL	CURPWR
Downstream	960	384	384	384	Downstream	20	15
Upstream	672	128	128	128	Upstream	13	2

NMR(dB)	MINNMR	MAXNMR	TNMR	CURNMR	Others	CELLS	ATEN(dB)	RELCAP(%)
Downstream	0	10	6	12	Downstream	42556304	55	47
Upstream	0	10	6	18	Upstream	30760976	41	28

FIG. 2

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3/9

300

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Line Analysis

CONFIG	The ADSL line serving phone number 925-828-5182 uses ADSL profile #25.
DN STREAM ERRORS	During the measurement period of 8 hours and 15 minutes, the line experienced 15 minutes of Excessive code violations of errored seconds in the downstream transmission path.
UP STREAM ERRORS	During the last measurement period of 8 hours and 15 minutes the line ran error free in the upstream direction.
DN STREAM SPEED	The line is running at the maximum bit rate of 384 kbps.
UP STREAM SPEED	The line is running at the maximum bit rate of 128 kbps.
DN STREAM S/N	The line noise margin is 12dB, which is above the target noise margin of 6dB.
UP STREAM S/N	The line noise margin is 18dB, which is above the target noise margin of 6dB.
DN STREAM POWER	The line power is 15dBm, which is below the maximum of 20dBm.
UP STREAM POWER	The line power is 2dBm, which is below the maximum of 13dBm.
PILOT TONE	No pilot tone was detected.
BRIDGED TAPS	The line appears to have a bridged tap. The tap has no effect on channel bandwidth.
LOOP	Loop length is estimated at 12220 feet of equivalent 26 awg cable.
CROSSTALK	No crosstalk was found.
INTERFERENCE	Single frequency interferers were found at 349 kHz.
DN BURST ERRORS	Burst errors were found at the following date and times: 8-20 8,0.
UP BURST ERRORS	No burst errors were found.
TCP/IP THROUGHPUT	During the last measurement period of 8 hours and 15 minutes, the line experienced severe TCP/IP throughput drop to 50% on worst case.

FIG. 3

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4/9

400

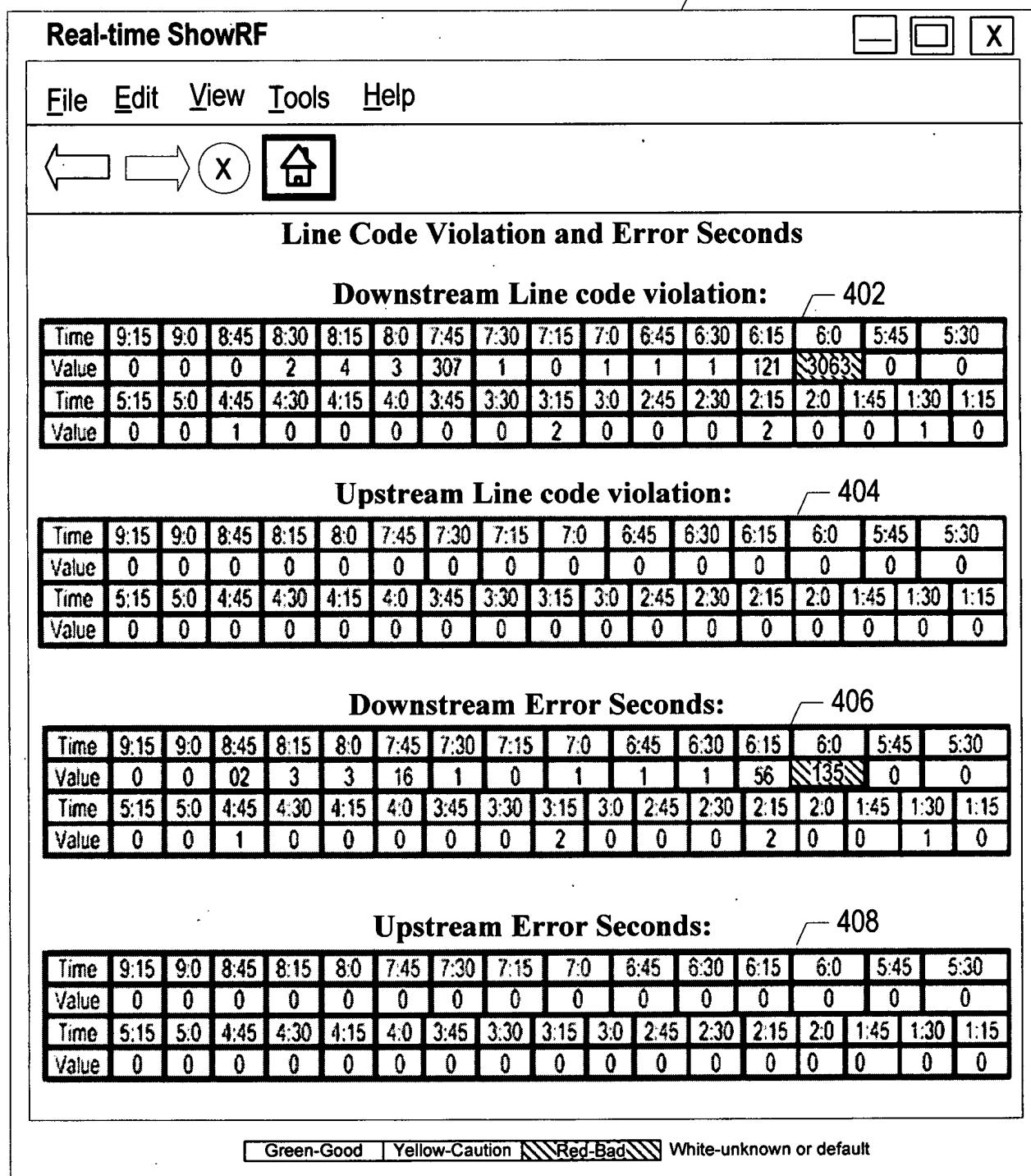


FIG. 4

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5/9

500

Comments [] [] [X]

File Edit View Tools Help

Address [▼]

Please enter comments on line 925-828-5182:

Phone: 502

UserID: 504

Comments: 506

There is a burst error on this line at 10:30 AM 6/18/03.

--rw8264 Fri Jun 20 10:34:33 PDT 2003

[▲] [▼]

Note: The maximum comment size is 3.5KB. If the size exceeds, you need to delete the part you don't want.

FIG. 5

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(512) 327-5515

6/9

600

606

File Edit View Tools Help

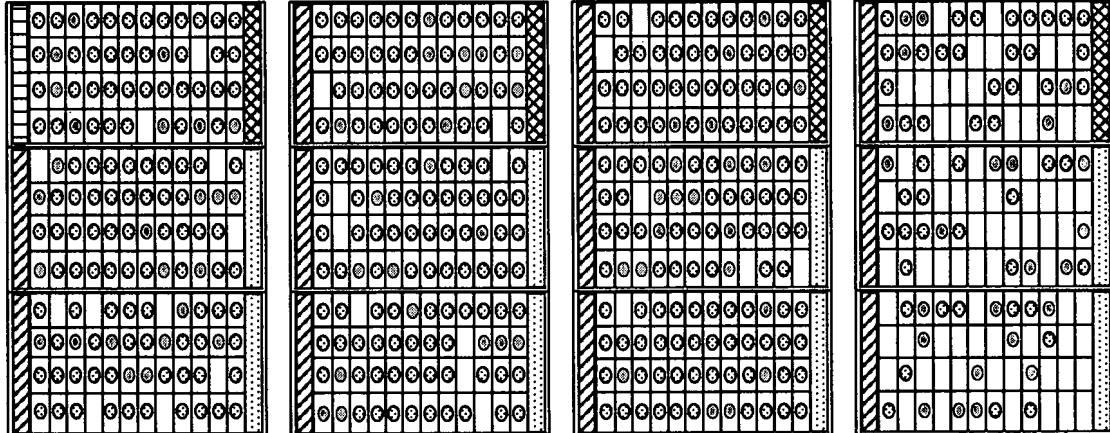
Card Selected 602 Card Information

rack shelf card slot current sw vers state current equip sw vers equip type

2 1 5 LT-2-1-5 HH3CAB4.184 IS-NR ADLT-E HH3CAB4.1 ADLT-E

Port Information 604

port id	state	vp	vc	dsl tn
Port 1 ADSL-2-1-5-1	IS-NR	205	43	925-551-3826
Port 2 ADSL-2-1-5-2	IS-NR	102	81	925-828-4358
Port 3 ADSL-2-1-5-3	IS-NR	205	44	925-828-6233
Port 4 ADSL-2-1-5-4	IS-NR	216	195	925-828-5470



610

Port Legend

In Service, Network Ready
Out of Service, Unavailable
Out of Service, Maintenance
Out of Service, Unavail/Maint

608

Card Legend

NT - Network Interface	Extender Card
Line Terminator - In Service	No Data
Line Terminator - Out Of Service	Selected
Alarm Control Unit	

FIG. 6

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7/9

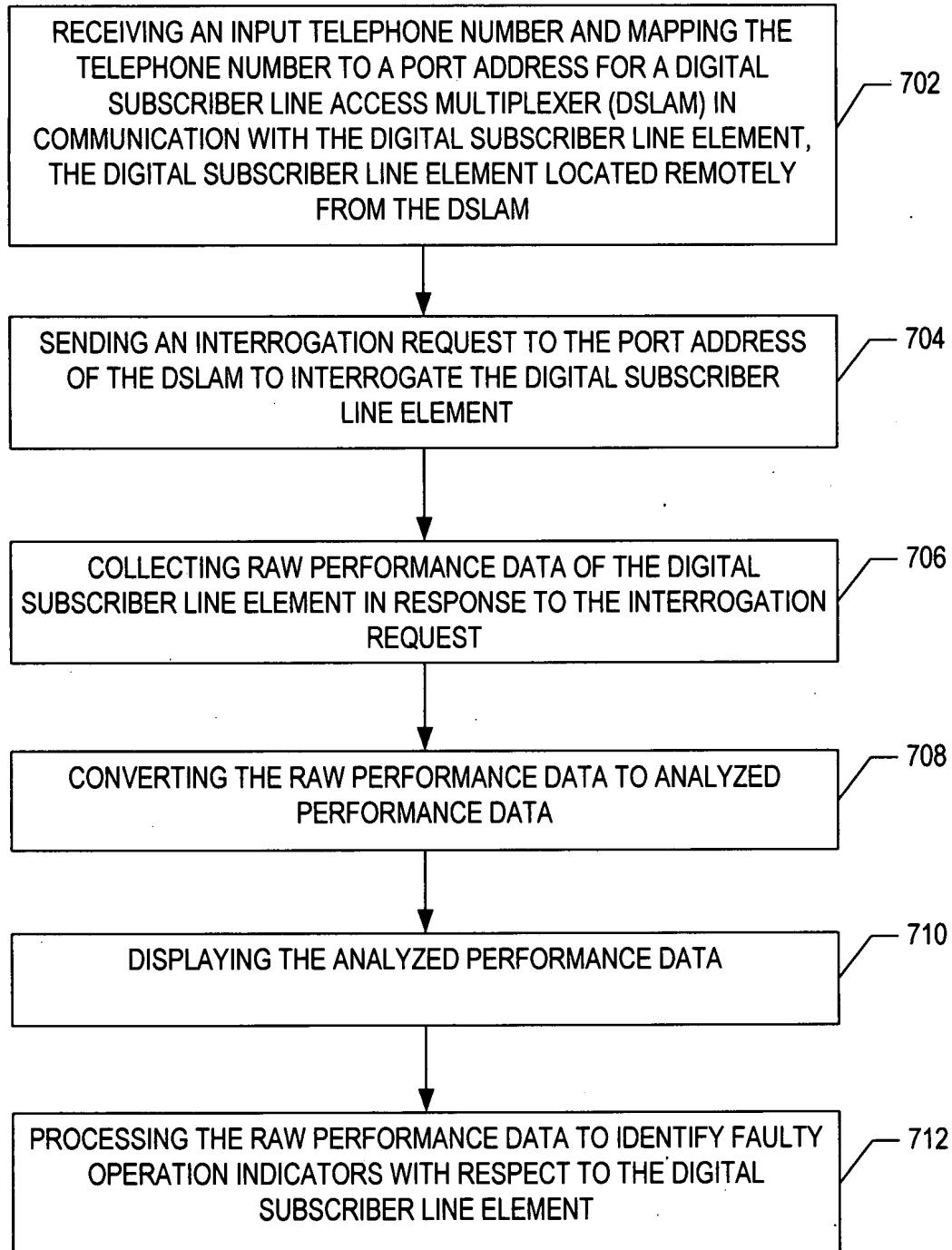


FIG. 7

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8/9

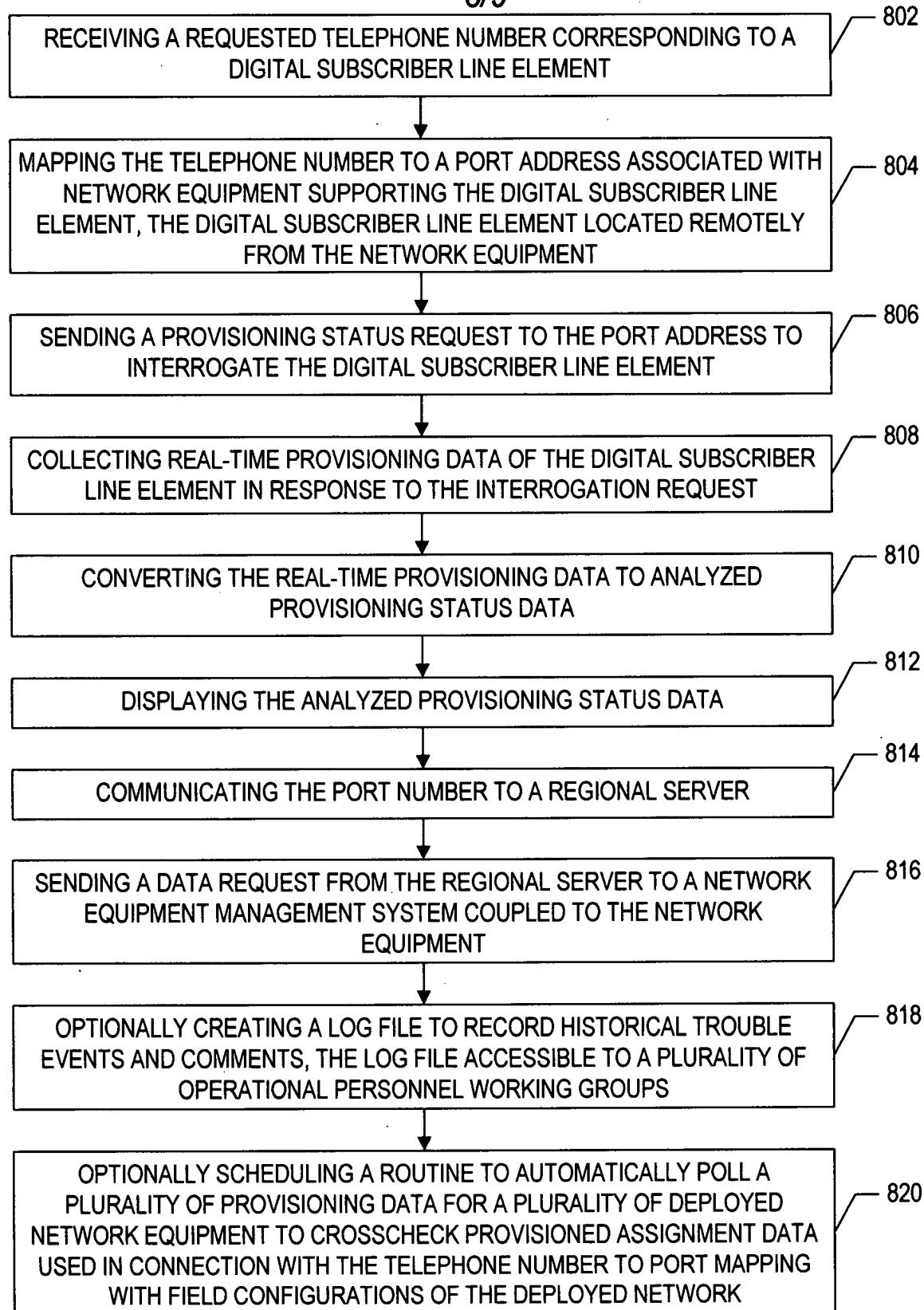


FIG. 8

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9/9

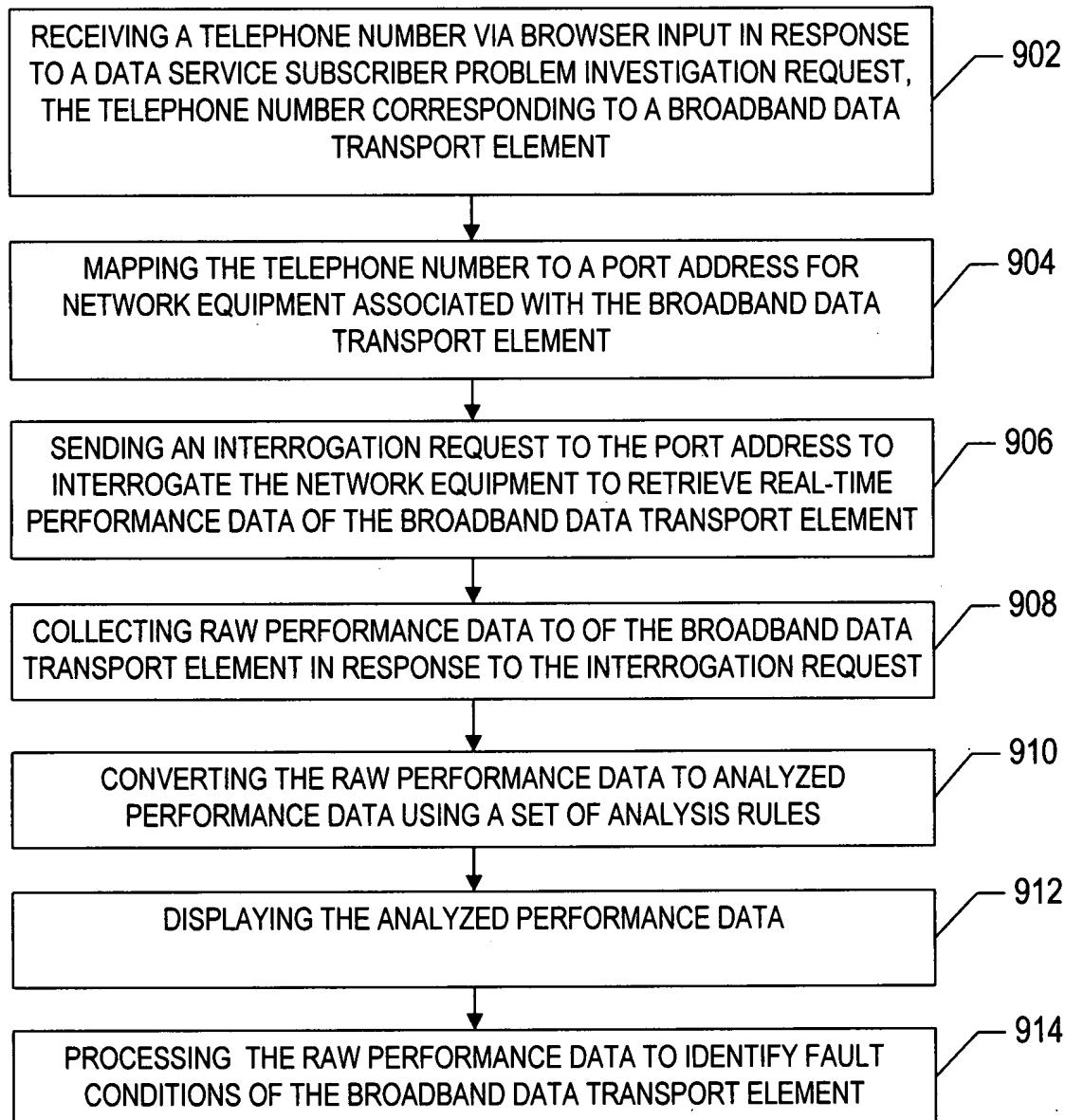


FIG. 9